



North Carolina Department of Environment and Natural Resources

Dexter Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor
Dee Freeman, Secretary

June 2, 2011

Sent Via Email – chadparker@jacksonnc.org

Mr. Chad Parker
Jackson County Solid Waste
401 Grindstaff Cove Road
Sylva, NC 28779

Re: Groundwater Corrective Action Selected Remedy Approval
Closed Jackson County Landfill, Permit #50-02

Dear Mr. Parker:

The Solid Waste Section has completed a review of the following groundwater corrective action documents for the Closed Jackson County Landfill, Permit #50-02: the September 7, 2010 *Assessment of Corrective Measures* report (Doc ID 12191) and the May 13, 2011 *North Carolina Solid Waste Groundwater Corrective Action Permit Modification Application* (Doc ID 13961).

Pursuant to 15A NCAC 13B .1635, a public meeting was conducted on February 7, 2011 to discuss the *Assessment of Corrective Measures* report. In accordance with 15A NCAC 13B .1636, the owner or operator shall select a remedy, and the Solid Waste Section will evaluate and approve the selected remedy. Jackson County has selected monitored natural attenuation (MNA) and the extraction of leachate from landfill gas wells as the remedy to restore groundwater quality at and beyond the relevant point of compliance, to effectively reduce the groundwater contamination at the facility, and to control the migration of contaminated groundwater to prevent unacceptable impacts to the adjacent surface waters. In-situ chemical oxidation and the installation of additional landfill gas and leachate extraction wells have been selected as the contingency plans.

As a result, the Solid Waste Section approves the selected remedy for the Closed Jackson County Landfill. Please submit a Corrective Action Plan to the Solid Waste Section within 90 days pursuant to 15A NCAC 13B .1636 and .1637. The Solid Waste Section will review the submitted Corrective Action Plan and approve, or request additional information prior to its implementation. Then pursuant to 15A NCAC 13B .1637, the approved Corrective Action Plan will be implemented.

In addition, the Corrective Action Plan shall include all of the technical evidence supporting the reduction of volatile organic compound loading at and beyond the relevant point of compliance at the facility. The Corrective Action Plan shall also include an updated water quality monitoring plan (WQMP), two contingency plans (A and B) and their associated details, and a specific timeline/schedule outlining the next five years following the approval of the Corrective Action Plan.

If you have any questions or concerns regarding this letter, please contact me at 919-508-8500 or at jaclynnedrummond@ncdenr.gov. Thank you for your continued cooperation with this matter.

Sincerely,



Jaclynne Drummond
Compliance Hydrogeologist
Solid Waste Section

cc via email: Mark Poindexter, Field Operations Supervisor
Deb Aja, Western District Supervisor
Troy Harrison, Environmental Senior Specialist
Allen Gaither, Permitting Engineer